

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**LISTING OF CLAIMS:**

1. - 3. (Canceled)
4. (Currently Amended) The method of claim 23 4, for treatment of post-traumatic tissue injury.
5. (Currently Amended) The method of claim 4, wherein said post-traumatic tissue injury is caused by surgery.
6. (Currently Amended) The method of claim 23 4, for treatment of a thermic injury.
7. (Currently Amended) The method of claim 23 4, for treatment of a pathological condition with scar formation.
8. (Currently Amended) The method of claim 7, wherein said pathological condition with scar formation is caused by a vascular disease selected from the group consisting of bleeding and infarct.
9. (Currently Amended) The method of claim 7, wherein said pathological condition with scar formation is caused by a toxic influence.
10. (Currently Amended) The method of claim 7, wherein said pathological condition with scar formation is caused by cystic fibrosis.
11. - 22. (Canceled).

23. (Currently Amended) A method for reduction of adhesion formation wherein a therapeutically effective amount of a substance that inhibits a pro-inflammatory cytokine is administered to a patient in need of said treatment, and wherein the administration of the substance that inhibits a pro-inflammatory cytokine causes a reduction of adhesion formation ~~The method of claim 1~~, wherein said substance is a peptide derived from amino acid 12 to amino acid 40 of human lactoferrin.

24. (Currently Amended) The method of claim 23 4, wherein said substance is locally administered.

25. (Currently Amended) The method of claim 23 4, wherein said substance is systemically administered.

26. - 27. (Canceled)